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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/866,454	05/25/2001	James L. Rice III	43406.22.2	4122

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EXAMINER

VU, THONG H

ART UNIT PAPER NUMBER

2142

DATE MAILED: 08/13/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/866,454

Applicant(s)

RICE, JAMES L.

Examiner

Thong H Vu

Art Unit

2142

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 25 May 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 61-131 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 61-131 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 25 May 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|----------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>5/06/02</u> . | 6) <input type="checkbox"/> Other: _____ |

1. Claims 61-131 are pending.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 61-131 are rejected under 35 U.S.C. § 103 as being unpatentable over Lazaridis et al [Lazaridis, 6,219,694 B1] in view of Herrod et al [Herrod, 6,405,049 B2].

3. As per claim 119, Lazaridis discloses a method to allow a user of a local computer to access a computer file, the method comprising the steps of:

(a) providing a communications network [Lazaridis, Internet18, Fig 1];

(b) detecting the activation by the user of a hyperlink associated with the computer file [Lazaridis, the redirector program detects a user defined event trigger has take place, col 6 line 56-col 7 line 56; col 9 lines 34-50; col 10 lines 1-9;53-67;col 11 lines 28-62; col 12 lines 12-40];

(c) operating on a remote computer an application program associated with the computer file [Lazaridis, a remote device, col 6 lines 7-30];

(d) after detecting the activation of the hyperlink, opening the computer file in the application program running on the remote computer [Lazaridis, the redirector software detects email message using MAPI, col 7 lines 30-45]; and

However Lazaridis does not explicitly detail (e) operating a thin client on the local computer, the thin client allowing the user to provide input to and receive output from the application program running on the remote computer.

Herrod discloses a portable /mobile/wireless device connects to Internet to upload/download information including email delivery as a thin client [Herrod, a thin client, abstract; col 8 lines 1-15; 44-65; col 13 lines 25-47; col 18 lines 33-60; col 20 lines 31-67].

Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to incorporate the mobile device as thin client to access to Internet as taught by Herrod into the Lazaridis's apparatus in order to utilize the internet and mobile devices. Doing so would provide a quick, simple, secure process to access to Internet by the mobile client.

4. As per claim 120, Lazaridis-Herrod disclose the hyperlink contains a unique identifier, and associating the unique identifier with meta data identifying the computer file [Herrod, URL, col 31 lines 25-47].

5. As per claim 121, Lazaridis-Herrod disclose the application program is associated with the computer file after the activation of the hyperlink is detected [Lazaridis, an event trigger will be generated that can be detected by the redirector program, col 11 lines 44-62].

6. As per claim 122, Lazaridis-Herrod disclose multiple application programs are available to be associated with the computer file, and the associated application program is selected based on selection criteria chosen from the group comprising:

(a) legal rights of the user to use the application programs, (b) capabilities of the application programs, and (c) properties that are associated with the hyperlink [Lazaridis, secure connection, col 6 lines 7-30; secure link, col 7 lines 45-55].

7. As per claim 123, Lazaridis-Herrod disclose a method for handling incoming e-mails at an e-mail gateway [Lazaridis, gateway, col 5 line 57-col 6 lines 30] comprising:

(a) identifying a data file attachment on an incoming e-mail addressed to a recipient [Lazaridis, email attachment, col 3 lines 35-65];

(b) creating a copy of the identified attachment on a storage device accessible by the e-mail gateway [Lazaridis, selected item can be replicated, col 6 lines 49-55];

(c) creating a reference associated with the attachment copy [Lazaridis, Email system with preferred link, col 10 line 53-col 11 line 6];

(d) deleting the attachment from the incoming e-mail and adding said hyperlink to the email [Lazaridis, add or delete, col 8 lines 1-30];

(e) operating on a remote computer remote from the recipient an application program associated with the attachment copy [Lazaridis, a remote device, col 6 lines 7-30];

(f) opening the attachment copy in the application program running on the remote computer upon activation of the hyperlink [Lazaridis, receive and process certain attachments, col 13 lines 20-35]; and

(g) operating a thin client on a local computer used by the recipient, the thin client allowing the recipient to provide input to and receive output from the application program running the remote computer [Herrod, a thin client, abstract; col 8 lines 1-15;44-65; col 13 lines 25-47;col 18 lines 33-60;col 20 lines 31-67].

8. As per claim 124, Lazaridis-Herrod disclose scanning the attachment for a computer virus [Herrod, virus, col 18 lines 47-59].

9. As per claim 125, Lazaridis-Herrod disclose said reference is a hyperlink [Herrod, URL, col 31 lines 25-47].

10. Claims 126,130 contain the similar limitations set forth of apparatus claim 123. Therefore, claims 126,130 are rejected for the similar rationale set forth in claim 123.

11. As per claims 127,129 Lazaridis-Herrod disclose imposing file access restrictions on said attachment copy as inherent feature of attachment [Lazaridis, email attachment, col 3 lines 35-65].

12. As per claim 128, Lazaridis-Herrod disclose setting a variable level of access restrictions based upon a security level associated with the recipient [Lazaridis, secure connection, col 6 lines 7-30; secure link, col 7 lines 45-55].

Art Unit: 2142

13. As per claim 131, Lazaridis-Herrod disclose (a) a single server (b) a personal computer; and (c) multiple, separate computers operating as a single, logical server [Lazaridis, Internet 18, Fig 1].

14. Claim 111 contains the similar limitations set forth of apparatus claim 123. Therefore, claim 111 is rejected for the similar rationale set forth in claim 123.

15. As per claim 112, Lazaridis-Herrod disclose (a) providing application hyperlink generation means on said computer server system for creating said application hyperlink and (b) providing application hyperlink transmission means for transmitting said application hyperlink to said at least one recipient user [Lazaridis, Email sub system, col 10 lines 20-38].

16. As per claim 113, Lazaridis-Herrod disclose said server-based computer application comprises a first communications means consisting of a communications program or application [Lazaridis, Email sub system, col 10 lines 20-38].

17. As per claim 114, Lazaridis-Herrod disclose (a) providing a second communications means to one or more additional users which are compatible with or capable of communicating with said first communications means and (b) providing address configuration means on said server system which allow said communications

program to be configured with the communications address of said one or more additional users as inherent features of Internet.

18. As per claim 115, Lazaridis-Herrod disclose said first and second communications means comprises programs selected from the group consisting of: (a) an email program, (b) an instant messaging program; (c) a voice-over-internet-protocol program, (d) a video conferencing program, and (e) an internet relay chat application as inherent features of Internet.

19. As per claim 116, Lazaridis-Herrod disclose said server-based application comprises a computer visual interface desktop work area and further comprising the steps of (a) providing one or more native software server-based applications and (b) providing access to or links to said one or more native software server-based applications within said computer visual interface desktop work area as inherent features of Internet.

20. As per claim 117, Lazaridis-Herrod disclose said native software applications comprise applications selected from a group consisting of (a) an email program, (b) an instant message program, (c) stock quotes, (d) news, (e) weather, (f) a group scheduling program, (g) file storage means; and (h) a calendar program [Lazaridis, stock quotes, news, calendar event, etc, col 6 line 56-col 7 line 6].

21. As per claim 118, Lazaridis-Herrod disclose providing access to said computer visual interface desktop to subscribers of said commercial service, whereby said application hyperlink recipient may utilize said visual interface desktop in a manner similar to accessing a personalized home web page which utilizes html or java script code [Herrod, HTML code, col 21 lines 42-50], but with the full functionality of standard software applications instead of the limited functionality of said html or java script code as inherent features of Internet software.

22. Claim 61 contains the similar limitations set forth of apparatus claim 123. Therefore, claim 61 is rejected for the similar rationale set forth in claim 123.

23. As per claim 63, Lazaridis-Herrod disclose providing hyperlink transmission means for transmitting said application file hyperlink to said at least one hyperlink recipient user [Herrod, download application, col 18 lines 33-59].

24. As per claim 64, Lazaridis-Herrod disclose said communications network comprises an internet [Lazaridis, Internet18, Fig 1].

25. As per claim 65, Lazaridis-Herrod disclose said communications network comprises a local area network [Lazaridis, LAN14, Fig 1].

26. As per claim 66, Lazaridis-Herrod disclose said hyperlink comprises a uniform resource locator [Herrod, URL, col 31 lines 25-47].

27. As per claim 67 Lazaridis-Herrod disclose (a) disassociating said application file hyperlink from said at least one computer file; (b) associating said application file hyperlink with at least one different computer file as inherent features of URL [Lazaridis, Internet, 18, Fig 1].

28. As per claim 68, Lazaridis-Herrod disclose modifying the application interface capability function settings of said file-compatible server-based computer application [Lazaridis, Email subsystem, col 10 lines 20-38].

29. As per claim 69, Lazaridis-Herrod disclose the recipient user computer is of a type selected from the group consisting of (a) a personal computer; (b) a personal digital assistant (c) a web or internet appliance device; and (d) a television set-top box. as inherent features of Internet.

30. As per claim 70, Lazaridis-Herrod disclose the graphical user interface of said hyperlink generation means comprises a web page form as inherent features of Internet.

31. As per claim 71, Lazaridis-Herrod disclose providing file access and manipulation restriction means whereby said recipient user's access to and manipulation of said at least one computer file is variable and can be set for specific sessions according to specified parameters as inherent features of Internet [Lazaridis, secure connection, col 6 lines 7-30; secure link, col 7 lines 45-55].

32. As per claim 72, Lazaridis-Herrod disclose the file restriction means comprises a partially disabled file-compatible server-based application [Lazaridis, secure connection, col 6 lines 7-30; secure link, col 7 lines 45-55].

33. As per claim 73, Lazaridis-Herrod disclose said file restriction means comprises a partially disabled thin-client application means [Lazaridis, secure connection, col 6 lines 7-30; secure link, col 7 lines 45-55].

34. As per claim 74, Lazaridis-Herrod disclose said file access and manipulation restrictions are selected from the set consisting of (a) whether the data file may be accessed; (b) a number of times the data file may be accessed;(c) a particular time period during which the file may be accessed',(d) whether said hyperlink recipient user may print the data file locally;(e) whether said hyperlink recipient user may save said first data file locally onto said remote recipient user computing device;(f) whether said data file or portions thereof may be copied onto the local computer memory clipboard of the remote recipient user computing device;(g) whether, after alteration by said recipient

user, said data file or portions thereof may be saved onto said computer server system, whereby the original copy of said data file is replaced by the altered file, and said application tile hyperlink is now associated with said altered file, and (h) whether, after alteration by said recipient user, said data tile or portions thereof may be saved onto said computer server system, whereby the original copy of said data file is not replaced by the altered file and remains on the storage system of said server system as inherent features of Internet security [Lazaridis, secure connection, col 6 lines 7-30; secure link, col 7 lines 45-55].

35. As per claim 75, Lazaridis-Herrod disclose said file restriction means are varied depending upon parameters of said specific session selected from the group consisting of (a) the identity of said hyperlink recipient user; (b) the network address of said hyperlink recipient user; (c) whether a qualifying action has been performed by said recipient user', and (d) whether authentication information has been provided by said hyperlink recipient user as inherent features of Internet security [Lazaridis, secure connection, col 6 lines 7-30; secure link, col 7 lines 45-55].

36. As per claim 76, Lazaridis-Herrod disclose said authentication information is selected from the group consisting of (a) a password, (b) the network address of said hyperlink recipient user; (c) a digital signature, and (d) information provided via the HTTP authentication protocol as inherent features of Internet security [Lazaridis, secure connection, col 6 lines 7-30; secure link, col 7 lines 45-55].

37. As per claim 77, Lazaridis-Herrod disclose said qualifying action is accepting an agreement as inherent features of Internet security [Lazaridis, secure connection, col 6 lines 7-30; secure link, col 7 lines 45-55].

38. As per claim 78, Lazaridis-Herrod disclose said agreement obligates the recipient user to limit disclosure of the content of said data tile as inherent features of Internet security [Lazaridis, secure connection, col 6 lines 7-30; secure link, col 7 lines 45-55].

39. As per claim 79, Lazaridis-Herrod disclose said agreement is a license agreement as inherent features of Internet security [Lazaridis, secure connection, col 6 lines 7-30; secure link, col 7 lines 45-55].

40. As per claim 80, Lazaridis-Herrod disclose said hyperlink transmission means comprises means selected from the following group (a) an email message,'
(b) an instant messaging application, (c) a hyperlink embedded in a web page;
(d) a telephone; (e) an appropriately formatted document or tile; and
(f) a Pager as inherent features of Internet connections [Lazaridis, Internet18, Fig 1].

41. As per claim 81, Lazaridis-Herrod disclose (a) providing executable code on said computer server system for producing a computer visual interface desktop work area,
(b) providing access to or links to said tile-compatible application on the visual interface

desktop, (c) providing access to or links to zero or more additional applications on the visual interface desktop, (d) providing access to or links to said at least one computer file or document on the visual interface desktop, and wherein said thin client means on said at least one remote recipient computer are adapted to receive and display said computer visual interface desktop work area as inherent features of Internet connections [Lazaridis, Internet18, Fig 1].

42. As per claim 82, Lazaridis-Herrod disclose (a) after detecting said hyperlink activation, assigning a guest account to said recipient user; and (b) creating a copy of said at least one computer file in the guest account; and (c) opening the file copy in said file-compatible server-based application instead of the original computer file [Lazaridis, selected item can be replicated, col 6 lines 49-55].

43. As per claim 83, Lazaridis-Herrod disclose the guest account is created before being assigned to the user as inherent features of Internet connections [Lazaridis, Internet18, Fig 1].

44. As per claim 84, Lazaridis-Herrod disclose the guest account is deleted upon the closing of the computer file by the user as inherent features of Internet connections [Lazaridis, Internet18, Fig 1].

45. As per claim 85, Lazaridis-Herrod disclose predefining a plurality of guest accounts, and further wherein one of the predefined guest accounts is assigned to the user after hyperlink activation as inherent features of Internet connections [Lazaridis, Internet18, Fig 1].

46. As per claim 86, Lazaridis-Herrod disclose the guest account is unassigned upon the closing of the computer file by the user as inherent features of Internet connections [Lazaridis, Internet18, Fig 1].

47. As per claim 87, Lazaridis-Herrod disclose said at least one computer file comprises a first computer file and at least one additional computer file, and wherein said application file hyperlink is associated with both the first and the additional computer files, and comprising the additional steps of (a) operating on a remote computer a plurality of application programs, said plurality of programs having at least one program compatible with or capable of opening each of said computer files; (b) opening the computer files in said plurality of application programs, and (c) transmitting the user interface of said plurality of application programs to said thin client means [Herrod, a thin client, abstract; col 8 lines 1-15;44-65; col 13 lines 25-47;col 18 lines 33-60;col 20 lines 31-67].

48. As per claim 88, Lazaridis-Herrod disclose said at least one computer file comprises a plurality of computer files, and wherein said at least one file-compatible

server-based application comprises a single application that is compatible with or capable of opening all of said plurality of computer files, and additionally comprising the step of opening the plurality of computer files in said first application program [Lazaridis, receive and process certain attachments, col 13 lines 20-35].

49. As per claim 89, Lazaridis-Herrod disclose displaying to said recipient user a GUI graphical element in an appropriately formatted document or file, and further comprising the step of linking said application file hyperlink to the GUI element via underlying code, whereby execution of which GUI element by said hyperlink recipient user activates said hyperlink [Lazaridis, receive and process certain attachments, col 13 lines 20-35].

50. As per claim 90 Lazaridis-Herrod disclose providing means for at least one additional user using at least one additional remote user computing device to view and optionally interact with the interface of said file-compatible server-based computer application, whereby the additional user and the first hyperlink recipient user may engage in simultaneous collaboration over said file or document [Lazaridis, receive and process certain attachments, col 13 lines 20-35].

51. As per claim 91, Lazaridis-Herrod disclose providing subscription means associated with said service whereby a remote hyperlink recipient user who is not a subscriber of said entity is solicited to subscribe to said service [Herrod, remote link, col 6l ines 10-15;col 10 lines 37-44].

52. As per claim 92, Lazaridis-Herrod disclose a log of accesses to said computer file is kept on said computer server system [Herrod, log receipt, col 3 lines 32-60].

53. As per claim 93, Lazaridis-Herrod disclose notifying at least one designated user upon the occurrence of hyperlink access events selected from the group consisting of (a) hyperlink activation; (b) file access, and (c) file alteration [Lazaridis, an event trigger will be generated that can be detected by the redirector program, col 11 lines 44-62].

54. As per claim 94, Lazaridis-Herrod disclose said notification utilizes transmission means selected from the group consisting of (a) an email application; (b) an instant message application, (c) a telephone; and (d) a pager [Herrod, notify the user, col 10 lines 1-15].

55. As per claim 95, Lazaridis-Herrod disclose said notification includes details about said hyperlink access events [Herrod, notify the user, col 10 lines 1-15].

56. As per claim 96, Lazaridis-Herrod disclose said details about said hyperlink access events comprises data selected from the group consisting of (a) details about said hyperlink recipient user; (b) the time of activation of said application file hyperlink,'

(c) information about said file associated with said application file hyperlink; (d) the network location of said hyperlink recipient user; (e) information about any changes to said data file as inherent features of Internet.

57. As per claim 97, Lazaridis-Herrod disclose said computer server system comprises a computing machine configuration selected from the group consisting of (a) a single server; (b) a personal computer; (c) multiple, separate computers operating as a single, logical server [Lazaridis, LAN14, Internet18, Fig 1].

58. As per claim 98, Lazaridis-Herrod disclose the hyperlink activation is detected on a detection computer separate from the remote computer [Lazaridis, an event trigger will be generated that can be detected by the redirector program, col 11 lines 44-62].

59. As per claim 99, Lazaridis-Herrod disclose the application program and the computer file are stored on a storage device not directly connected to the remote computer as inherent feature of Internet.

60. As per claim 100 Lazaridis-Herrod disclose the computer file is stored on a storage device directly connected to the remote computer [Lazaridis, LAN14, Internet18, Fig 1].

61. As per claim 101, Lazaridis-Herrod disclose downloading the thin client from the server system to said at least one remote recipient user computing device [Herrod, a thin client, abstract; col 8 lines 1-15; 44-65; col 13 lines 25-47; col 18 lines 33-60; col 20 lines 31-67].

62. As per claim 102, Lazaridis-Herrod disclose downloading the thin client occurs only after said at least one remote recipient user computing device is examined and found not to already have the thin client available [Herrod, a thin client, abstract; col 8 lines 1-15; 44-65; col 13 lines 25-47; col 18 lines 33-60; col 20 lines 31-67].

63. As per claim 103, Lazaridis-Herrod disclose opening the computer file occurs only after a determination is made that the hyperlink associated with the computer file is still active [Lazaridis, an event trigger will be generated that can be detected by the redirector program, col 11 lines 44-62].

64. As per claim 104 Lazaridis-Herrod disclose changes are made to the computer file after the hyperlink is created, and the hyperlink remains associated with the latest version of the computer file [Herrod, more sophisticated versions, col 10 lines 1-15; pager version, col 22 lines 50-62].

65. As per claim 105, Lazaridis-Herrod disclose the application program is not operating on the remote computer until after the activation of the hyperlink is detected

[Lazaridis, an event trigger will be generated that can be detected by the redirector program, col 11 lines 44-62].

66. As per claim 106, Lazaridis-Herrod disclose said means for selecting said file-compatible application is adapted to make said selection after considering criteria selected from the group consisting of (a) information about optimum applications for viewing of said file; (b) information about optimum applications for manipulation of said file; (c) said recipient user's legal rights to use available file-compatible applications, and (d) usage permissions associated with said available tile-compatible applications [Herrod, select parameters, col 12 lines 9-15].

67. As per claim 107, Lazaridis-Herrod disclose the recipient user's legal rights are established by criteria selected from the group consisting of (a) the provision of valuable consideration by said recipient user in exchange for rights to use available file-compatible application, (b) the provision by said recipient user of information authenticating the recipient user's legal rights to use available file-compatible applications; and (c) the subscription by said recipient user to rights to use said available file-compatible application [Lazaridis, secure connection, col 6 lines 7-30; secure link, col 7 lines 45-55].

68. As per claim 108, Lazaridis-Herrod disclose (a) providing a user group comprising at least one member user with access to an email account (b) intercepting

all incoming emails for said user group prior to delivery to the email accounts of the at least one member user of said user group, (c) screening said incoming emails for attached data files, (d) removing said attached data files and storing said attached data files on the said computer server system; (e) creating an application file hyperlink to said attached data files; (f) appending said application file hyperlink to an incoming email to which said attached data file had been attached; (g) forwarding said incoming email without the attached file to the intended member user's email account and (h) said member user accessing said attached data file by activating said application file hyperlink [Lazaridis, an event trigger will be generated that can be detected by the redirector program, col 11 lines 44-62].

69. As per claim 109, Lazaridis-Herrod disclose (a) providing a user group consisting of at least one member user with access to an email account (b) automatically intercepting all outgoing emails for said user group, (c) automatically screening said outgoing emails for attached data files; (d) automatically removing the attached data file from the outgoing email and storing said attached file on the server (e) said computer server system creating an application file hyperlink to said attached files; (f) said computer server system appending said hyperlink to said outgoing email, (g) said server forwarding said incoming email without the attached file to its intended recipient's email account and (h) said intended recipient accessing said attached file by activating said application file hyperlink [Lazaridis, Email subsystem, col 10 lines 20-38]

Art Unit: 2142

70. As per claim 110, Lazaridis-Herrod disclose setting parameters of the file access and manipulation restrictions for said user group [Lazaridis, secure connection, col 6 lines 7-30; secure link, col 7 lines 45-55].

71. Any inquiry concerning this communication or earlier communications from the examiner should be directed to examiner Thong Vu, whose telephone number is (703)-305-4643. The examiner can normally be reached on Monday-Thursday from 8:00AM- 4:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, *Jack Harvey*, can be reached at (703) 305-9705.

Any inquiry of a general nature or relating to the status of this application should be directed to the Group receptionist whose telephone number is (703) 305-9700.

Any response to this action should be mailed to: Commissioner of Patent and Trademarks, Washington, D.C. 20231 or faxed to :

After Final (703) 746-7238

Official: (703) 746-7239

Non-Official (703) 746-7240

Hand-delivered responses should be brought to Crystal Park 11,2121 Crystal Drive, Arlington, VA., Sixth Floor (Receptionist).

Thong Vu
Patent Examiner
Art Unit 2142

